

Joon Kim

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Skills

Languages HTML/CSS, C++, C, Python, Java

Projects

Website Portfolio

- > Developed a portfolio website using a template to learn front end and showcase my career, projects and work experiences.
- > Learned HTML, CSS, Git to pull the template from Github and modified parts (changed wordings and text sizes, removed irrelevant parts, uploaded relevant files and aligned them to fit the screen) to personalize it and introduce myself.

Discord StockBot

- > Successfully led a team and developed a discord bot in 2 days for a hackathon. Organized and collaborated with teammates to produce a presentable product within deadline.
- > Implemented yfinance API to retrieve information from yfinance and matplotlib to graph prices of stocks at different periods.

Biquadris

- > As a final project of CS246(Object-Oriented Software Development), Collaborated with a classmate to design and develop a game called Biquadris using c++ and Object Oriented Programming.
- > Designed and implemented classes using concepts learned in class such as MVC architecture, polymorphism, single responsibility principle, Observer pattern, factory pattern and decorator pattern.

Work Experiences

Cedar's Pizza

Website Designer

Aug 2020 – Jun 2021
Moncton, NB

- > Designed the restaurant's website and implemented online order system using Wix.
- > Website has around 700 monthly site sessions gathered by Wix analytics.
- > Comparing total sales gathered by Wix analytics and total revenue of the store, online orders through the website increased total revenue by around 20%.

Extra Curriculars

Current Generation

Student Volunteer

Sept 2019 - March 2020

- > Soldered and assembled LED lights to be distributed to the areas with limited access to lights.
- > Redesigned the website and established the foundation for the website with wordpress as there were multiple design flaws (image was tiled, texts were not aligned, website style was bland) in the previous version of the website.

UNB - CMS Mathematics Camp

May 2019

- > Invited to University of New Brunswick's math camp from obtaining strong scores in various math competitions held by UNB, which includes placing in the top 9 in the province.
- > Solved challenging math questions while collaborating with others all day while staying at the university. Teammates were switched regularly throughout different events and got to learn how to collaborate with various people.

Education

University of Waterloo

2020 – 2025

Bachelor's Degree in Computational Mathematics with joint Statistics

Minor in computer science

- > Cumulative GPA: 3.6